

AMENDMENTS TO THE CLAIMS

1       1. (Currently Amended) Data processing system comprising at least a  
2       processing unit capable of executing simultaneously a number of application  
3       programs, a memory for storing said application programs, a display  
4       subsystem for displaying on a screen a plurality of windows associated  
5       respectively with a plurality of application programs, each window being able  
6       to overlay partially or totally one or several windows already displayed on  
7       said screen, and a mouse for moving a cursor to a selected location of said  
8       screen;  
9       said system being characterized in that the display subsystem comprises:  
10      a plurality of focus buoys associated respectively with each of the plurality of  
11     windows, each focus buoy being displayed at a location on or beside its respective  
12     window ~~at the same time only when its respective window is displayed on said~~  
13     screen and each focus buoy not visible when its respective window is not visible  
14     application is open,  
15      a table in said memory for storing the coordinates of which each focus buoy  
16     is displayed,  
17      whereby the display subsystem may display each focus buoy at each location  
18     defined in said table by simply shaking said mouse and whereby the user may click  
19     any one of the displayed focus buoys to get the focus of its respective window.  
  
1       2. (Previously Amended) Data processing system according to claim 1, wherein  
2       said table further comprises, for each of said windows displayed on said  
3       screen, an identification of said associated application program, a pointer to  
4       the corresponding window, and the location of the focus buoy associated with  
5       said window.

1       3. (Previously Amended) Data processing system according to claim 2, wherein  
2       said table further comprises, for each of said windows, an alternative location  
3       for its respective focus buoy at which to display said focus buoy if the real  
4       location is the same as the location of a focus buoy associated with a window  
5       being already displayed on said screen.

1       4. (Previously Amended) Data processing system according to claim 1, wherein  
2       a little window including the title of the window is also displayed with the  
3       focus buoy associated with each window when the focus buoys defined in said  
4       table are displayed on said screen in response to simply shaking of said  
5       mouse.

1       5. (Previously Amended) Data processing system according to claim 2, wherein  
2       a little window including the title of the window is also displayed with the  
3       focus buoy associated with each window when the focus buoys defined in said  
4       table are displayed on said screen in response to simply shaking of said  
5       mouse.

1       6. (Previously Amended) Data processing system according to claim 1, wherein  
2       said display subsystem displays the window associated with a focus buoy  
3       being displayed in response to simply shaking of said mouse after said focus  
4       buoy has been selected and clicked by using said mouse.

1       7. (Previously Amended) Data processing system according to claim 5, wherein  
2           said display subsystem further displays the window associated with a focus  
3           buoy being displayed in response to simply shaking of said mouse after said  
4           focus buoy has been selected and clicked by using said mouse.

1       8. (Previously Amended) Data processing system according to claim 1 wherein  
2           said focus buoys being displayed on said screen are removed from display in  
3           response to simply shaking of said mouse a second time after said focus buoys  
4           have been displayed in response to simply shaking of said mouse.

1       9. (Previously Amended) Data processing system according to claim 4 wherein  
2           said focus buoys being displayed on said screen are removed in response to  
3           simply shaking of said mouse a second time after said focus buoys have been  
4           displayed in response to simply shaking of said mouse.

1       10. (Original) Data processing system according to claim 1, wherein said  
2           windows are removed from said screen when said focus buoys are displayed  
3           on said screen after said mouse has been shaken.

1       11. (Currently Amended) A method of displaying windows in a computer having  
2           display subsystem, the method comprising the steps of:  
3           (a) opening an application, the application opening a window on the  
4           display subsystem;  
5           (b) creating a first focus buoy associated with the window, the first focus  
6           buoy displayed on the display subsystem on the window;

7           (c) storing the location on the display subsystem of the first focus buoy in  
8           a memory;

9           (d) opening a subsequent application, the subsequent application opening  
10          a subsequent window on the display subsystem;

11          (e) creating a subsequent focus buoy associated with the subsequent  
12          window, the subsequent focus buoy displayed on the display subsystem  
13          with the subsequent window;

14          (f) storing the location on the display subsystem of the subsequent focus  
15          buoy in the memory;

16          (g) overlaying the window and the first focus buoy on the display  
17          subsystem with the subsequent window thereby making the first focus  
18          buoy and all or some of the window not visible; and

19          (h) sending a command to the display subsystem to display the first focus  
20          buoy.

1       12. (Currently Amended) The method of claim 11, wherein the step of sending a  
2       command to the display subsystem to display the first focus buoy further  
3       comprises shaking a mouse connected to the computer and the display  
4       subsystem.

1       13. (Currently Amended) The method of claim 11, further comprising: displaying  
2       a little window with the first focus buoy, the little window containing a title  
3       related to its respective window.

1       14. (Currently Amended) The method of claim 12, further comprising  
2           simultaneously removing the window and the subsequent window and  
3           displaying the first focus buoy and the subsequent focus buoy on the display  
4           subsystem in response to shaking the mouse.

1       15. (Currently Amended) The method of claim 12, further comprising shaking the  
2           mouse again to remove the first focus buoy from the display subsystem.

1       16. (Previously Added) A method of opening and closing windows in a computer  
2           system having a display subsystem, comprising:  
3           (a) opening a plurality of applications,  
4           (b) opening at least two windows in the display subsystem, the windows  
5           associated with two of the plurality of application;  
6           (c) creating at least two focus buoys on the display subsystem, each focus  
7           buoy associated with and located on the open windows;  
8           (d) recording the location of the focus buoys in memory;  
9           (e) layering the at least two windows so that the underlying windows and  
10           their respective focus buoys are partially or completely not visible to a  
11           user;  
12           (f) shaking a mouse so that all the underlying focus buoys are displayed  
13           on the display subsystem.

1       17. (Previously Added) The method of claim 16, further comprising removing the  
2           open windows from the display subsystem.

AMENDMENT AFTER FINAL - GROUP ART 2174

Patent

- 1        18. (Previously Added) The method of claim 16, further comprising displaying a  
2           little window having the title of the associated window with each of the  
3           displayed focus buoys.
  
- 1        19. (Previously Added) The method of claim 16, further comprising obtaining the  
2           focus of a window by clicking on its associated focus buoy.
  
- 1        20. (Previously Added) The method of claim 16, further comprising removing the  
2           focus buoys from the display subsystem by shaking the mouse again.